Heitor Gouvêa

Information Security Researcher

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SUMMARY

I am an Information Security Researcher, working on projects that help people, organizations and companies take control of their own security.

My work is focused on understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups.

I have audited high profile websites for security vulnerabilities and have managed and worked in teams of software developers and computer scientists delivering high security architectures.

I have experience developing in a wide array of programming languages including: Shell Script, JavaScript, Perl and Mojo Framework.

I have knowledge of telecommunication and internet protocols including, but not limited to: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

When I am not doing any of that stuff I run a range of open source software projects: https://github.com/GouveaHeitor

EXPERIENCE

Partner & Head of Information Security   07/2017 - PRESENT
Inploit Security

I acted providing consulting in the field of information security offensive to institutions, private companies and governmental organizations. My work was focused on writing business proposal models, confidentiality and reports, and understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups. In addition to ministering trainings about Information Security like: awareness, tools and techniques.

Information Technology Intern   04/2016 - PRESENT
IMA - Computer Associates Municipalities S/A

I participated in the internship program in order to be trained and prepared to assume strategic positions in the future. I worked directly with clients understanding their problems and later proposing some solutions, developing, performing vulnerability analyzes and maintaining Government Systems that used technologies like: PHP, Symfony, JavaScript, CoffeeScript, Doctrine, MySQL, Twig, Rails and others technologies.

CERTIFICATIONS

SFC - Scrum Fundamentals Certified

License Number: 563905

The purpose of the exam is to confirm you have basic understanding of the Scrum.

TECHNICAL SKILLS

Front-end: HTML5, CSS3, MaterializeCSS, Sass, JavaScript, TypeScript and AngularJS

Back-end: Shell Script, Perl and Mojo Framework

Database: MySQL and MongoDB

Tools: Bower, Git, Npm, Jekyll, Grunt and Docker

Information Security: cryptography, cryptanalysis, vulnerability analysis and penetration testing

Agile Methods: Scrum and Extreme Programming

Network: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet

Mobile development: Progressive Web Apps

Others: Web performance, SEO, Responsive Design, Cross-browser, Design Patterns, OOP, UML and Linux Administration

LANGUAGES

Portuguese: native proficiency

English: limited working proficiency